## **EXHIBIT F**

(Part 1)

## **ORIGINAL**

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UNITED STATES DISTRICT COURT

EASTERN DISTRICT OF PENNSYLVANIA

CIVIL ACTION NO. 05-3524

HON. ROBERT F. KELLY

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HEALTHCARE ADVOCATES, INC.,

Plaintiff,

vs.

HARDING, EARLEY, FOLLMER &
FRAILEY; JOHN F.A. EARLEY, III,
CHARLES L. RIDDLE, FRANK J.
BONINI, JR., KIMBERLY TITUS, and
JOHN DOES 1-5,

Defendants.

DEPOSITION OF EDWARD W. FELTEN FRIDAY, FEBRUARY 2, 2007

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Page 6
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                        EDWARD W. FELTEN
      Computer Science Department, 35 Olden Street,
 2
      Princeton, New Jersey 08544, having been first
 3
      duly sworn, was examined and testified as follows:
 4
 5
 6
                       DIRECT EXAMINATION
 7
      BY MR. CHRISTIE:
                 Good morning, Mr. Felten. My name is
 8
      Scott Christie. I'm an attorney with McCarter &
 9
      English in Newark, New Jersey, and I represent
10
      Healthcare Advocates, Inc., which is the plaintiff
11
      in this lawsuit. You understand that you are here
12
      to testify and be deposed in your capacity as an
13
      expert witness in this case?
14
15
           Α.
                 Yes.
16
                And you were retained as an expert.
           Q.
17
      Correct?
18
           Α.
                Yes.
19
                Do you understand that you're now under
           Q.
20
      oath?
21
           Α.
                Yes.
22
                And as a consequence of being under
           Q.
      oath, you're obliged to answer my questions
23
      completely and truthfully?
24
25
           Α.
                Yes.
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1 Q. Without belaboring in great detail all
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- of the text in your report, is what you have
- written in here truthful and accurate? And the
- 4 reason I ask is because you haven't signed it
- 5 under penalty of perjury or in the form of an
- 6 affidavit. But if you're able to say that it is
- 7 accurate and truthful, that would help as opposed
- 8 to me going through specific topics ad nauseam.
- 9 A. Yes. That was my intention when I
- 10 prepared this, and it is accurate and truthful.
- 11 There is only one issue that I've learned about
- 12 since I -- since I submitted the report, and that
- is at the very end.
- Q. What's that?
- A. It's in paragraph 69 where I say that "I
- understand that as of September 1, 2006, it" --
- 17 meaning a particular convention "is also enshrined
- 18 in the Federal Rules of Evidence." And I
- 19 understand that that should say "instead of the
- 20 Federal Rules -- the Rules of Civil Procedure."
- 21 Q. Are you talking about the recent
- 22 amendments to the E-Discovery?
- A. Yes, that's what I'm referring to.
- 24 That's the only -- that's the only issue in the
- 25 report that I've learned of since submitting it.

- degree to which the Internet Archive Wayback
- 2 Machine respects the robots.txt exclusion
- 3 standard?
- 4 A. My understanding is that the Internet
- 5 Archive's crawlers look for the robots.txt file
- 6 and follow the -- any request in those files that
- 7 relate to the Internet Archive's crawlers. The
- 8 other issue is -- relates to how the Wayback
- 9 Machine responds to requests for pages -- for
- 10 historical pages if the -- if there is a
- 11 robots.txt file present on that site. And that's
- 12 something that's discussed at some length in my
- 13 report.
- Q. Granted, that's true. And I believe you
- 15 say in your report -- and please correct me if I'm
- 16 wrong -- that by virtue of a properly drafted and
- 17 properly inserted robots.txt exclusion, Internet
- 18 Archive voluntarily agrees that it will not
- 19 publicly disclose any existing archive copies of
- 20 web content for the web site related to the robots
- 21 exclusion?
- MR. LEWIS: Objection to form.
- A. That's a pretty involved statement,
- 24 but --
- Q. I'll gladly rephrase it.

- 1 A. Okay, please.
- Q. It might be easier if I ask you and get
- 3 it in your words. What is your understanding of
- 4 the manner in which the Internet Archive Wayback
- 5 Machine treats existing archive web content when
- 6 it confronts a robots.txt exclusion?
- 7 A. You're asking about what they do now?
- 8 Q. First, I'd like to know your
- 9 understanding of what they did back in July of
- 10 2003 and whether that's changed, to your
- 11 knowledge?
- A. As to what they did, that is, at least
- partly, one of the issues under discussion here,
- 14 that is, there are questions about what happened,
- 15 how the Wayback Machine did work during the
- 16 relevant time in 2003 and -- but I don't know if
- that's what you're asking about.
- Q. Let me rephrase. Back in July of 2003,
- 19 what was the Internet Archive policy related to
- its treatment of archive web content upon
- 21 confronting a robots.txt text string?
- A. My understanding is that they said that
- 23 they did not serve out archived versions of a page
- 24 if there was a robots.txt file present for that
- 25 page, but that is not -- apparently not what they

- 1 actually did.
- Q. Well, we'll get to that. We're talking
- 3 about their policy. So you're saying that the
- 4 policy was, in the course of an inquiry, if our
- servers ping the web site and find a robots.txt
- 6 exclusion, that we at Internet Archive will not
- 7 make publicly available existing archive versions
- 8 of that web site. Is that what you're saying?
- 9 And if not, please ask -- please rephrase it.
- 10 THE WITNESS: Could I hear that again,
- 11 please?
- 12 (Counsel requests the reading of the
- 13 following testimony:
- "QUESTION: So you're saying that the
- policy was, in the course of an inquiry, if our
- 16 servers ping the web site and find a robots.txt
- 17 exclusion, that we at Internet Archive will not
- 18 make publicly available existing archive versions
- of that web site. Is that what you're saying?
- 20 And if not, please rephrase it.")
- 21 MR. LEWIS: Objection to form.
- 22 A. What I'm saying is that my understanding
- 23 is at the time they said that they would not serve
- out archive versions of a page if there was a
- 25 robots.txt file in place referring to that page.

- 1 Q. That begs further questions. Are we
- 2 talking about page-by-page decision made about
- 3 releasing archived web content, or are we talking
- 4 about a web-site-by-web-site determination? And
- 5 if you don't understand what I mean, I'll rephrase
- 6 it.
- 7 A. No. I understand the question. The --
- 8 my understanding is that, at the time, they would
- 9 apply that -- at the time they said they would
- apply the requests in a robots.txt file in
- 11 relation to requests to archived versions of
- 12 pages, and so whether all pages on a site were
- 13 treated the same or not would have depended on
- 14 what was in the robots.txt file.
- Q. Well, what if the robots.txt exclusion
- 16 covered the entire content of the web site, that
- is, all pages? In your understanding, how would
- 18 Internet Archive have treated public dissemination
- upon confronting a robots txt exclusion under
- 20 those circumstances?
- MR. LEWIS: Again, you're asking for
- 22 example what their policy was at the time?
- MR. CHRISTIE: Yes.
- A. According to what they said, they would
- 25 not have served out archived copies of pages from

- 1 that site.
- Q. No pages. Correct?
- 3 A. Yes. That's according to what they
- 4 said.
- 5 Q. Let me show you what I'll mark as
- 6 Felten-6.
- 7 (Robots.txt file bearing Bates number
- 8 HCA 00001 is marked as Felten Exhibit 6 for
- 9 Identification.)
- 10 Q. Do you recognize that document,
- 11 Professor Felten?
- 12 A. It looks like a robots.txt file.
- 13 Q. Is it one that you've seen before in the
- 14 course of rendering expert services here?
- 15 A. Yes.
- 16 MR. CHRISTIE: I'll note for the record
- 17 that in the bottom right-hand corner there's a
- 18 designation, HCA 00001.
- MR. LEWIS: And for the record, that's a
- 20 Bates stamp, and that's not part of the actual
- 21 document.
- MR. CHRISTIE: Yes. I didn't mean to
- 23 imply it was.
- Q. Professor Felten, do you understand this
- document, F-6, to be the robots.txt string that

- 1 was present on the Healthcare Advocates web
- 2 servers during July of 2003?
- MR. LEWIS: Objection to form.
- 4 A. I don't know.
- 9. What do you understand this text string
- 6 to be?
- A. This is -- this appears to be a version
- 8 of the robots.txt file from the Healthcare
- 9 Advocates site, but I can't say whether it is or
- is not the same as what was present in July of
- 11 2003.
- 12 Q. You have no reason to dispute that it
- is. Correct?
- 14 A. The evidence, I think, does not say
- 15 whether it is or is not.
- 16 Q. I'm asking you a more precise question.
- 17 Do you have any reason to dispute that this
- 18 robots.txt string was in place on the Healthcare
- 19 Advocates web server during July of 2003?
- A. Well, beyond the lack of -- beyond there
- 21 not being evidence as to what exactly was in the
- file on that date, no, but that's, I think, a
- 23 reason to object to drawing the conclusion that
- this is what was in the file as of that date.
- 25 Q. I'm not asking for that. Please listen

- 1 to my question. I'm asking whether you have any
- 2 reason to dispute whether this text string was in
- 3 the robots.txt file of the Healthcare Advocates
- 4 web server in July of 2003?
- 5 A. Yes, I do.
- 6 Q. What is the basis for your disputing
- 7 that?
- 8 A. The -- the record does not show
- 9 specifically what was in that file as of that
- 10 date. And one of the explanations that might
- 11 explain what happened with respect to the disputed
- 12 accesses is that something else was in this file.
- 13 Q. But that's pure speculation on your
- 14 part, isn't it?
- MR. LEWIS: Objection to form.
- 16 A. Nobody knows precisely what was in that
- file on that date or precisely what happened with
- 18 those accesses.
- 19 Q. I'm not talking about and asking you
- 20 about what everyone else knew. I'm asking about
- 21 you rendering expert opinions in this case.
- Do you have any reasons to disbelieve that
- this was in place at the time?
- 24 A. Yes.
- Q. What is the specific basis of knowledge,

- 1 apart from your speculation, that this robots.txt
- file that you see in Felten-6 was not in place on
- 3 the Healthcare Advocates web server in the
- 4 robots.txt file during July of 2003?
- 5 MR. LEWIS: Objection to form.
- 6 A. Well, again, there is -- there's not
- 7 evidence that this, as opposed to something else,
- 8 was present in that file at that time. And given
- 9 the behavior of the Internet Archive site at the
- 10 relevant times, that -- that behavior calls into
- 11 doubt whether this was, in fact, the content of
- the robots.txt file on that date.
- Q. How does it call that into doubt?
- 14 A. Well, the Internet Archive says that
- their systems were supposed to be programmed, or
- 16 they thought their systems were programmed to load
- this, the robots.txt file, and to behave in
- 18 certain ways. And the evidence shows that
- 19 their -- the Wayback Machine did not behave in
- 20 that way, and so that's one indication that the
- 21 robots.txt file may very well have been different
- 22 at that time.
- Q. But there could have been other reasons
- 24 that caused the Wayback Machine not to have
- 25 operated in accordance with Internet Archive

- policy at that time. Is that correct?
- MR. LEWIS: Objection to form.
- 3 A. There could have been, and I discussed
- 4 this some in my report.
- 5 Q. Just so that I understand it, you are
- 6 not saying definitively that any malfunction of
- 7 the Wayback Machine during July of 2003 was caused
- by a failure to properly install a robots.txt
- 9 exclusion. Is that correct?
- 10 A. I cannot say that -- definitively that
- 11 that is what happened, that's right.
- 12 Q. With regard to your view of Mr. Lenky's
- 13 report, which I will show you at some later point,
- 14 do you take issue with his conclusion that the
- "disputed accesses," as you term them, to the
- 16 archived Healthcare Advocates content on the
- 17 Internet Archive site were caused by
- 18 representatives of the Harding Earley law firm?
- A. Well, if I'm to respond to what's in his
- 20 report, I'd like to see his report and see the
- 21 statement that he made.
- Q. Let me show you what I'll mark as
- Felten-7.
- 24 (Report by Gideon Lenky is marked as
- 25 Felten Exhibit 7 for Identification.)

- Q. Specifically, I'm referring you to
- 2 page 3 and the top of page 4 of Mr. Lenky's
- 3 report, which, in essence, concludes that
- 4 computers located at the offices of Harding Earley
- 5 Follmer & Frailey, the defendant here, were
- 6 responsible for what you've termed the "disputed
- 7 accesses," I think was the phrase you used, to the
- 8 archived Healthcare Advocates web content. I'm
- 9 asking you whether you agree with or you dispute
- 10 that conclusion.
- 11 A. He says that certain accesses, which are
- 12 identified here by IP address and by a DNS
- 13 address, came from Harding Earley, and I have no
- 14 reason to dispute that. And these are accesses to
- 15 Internet Archive's site, just to be clear.
- 16 Q. Right. And specifically referring to
- the internet protocol address and the DNS address,
- which is contained within the second line of
- 19 page 3 of text. Correct?
- A. Yes, yes, that's what I was referring
- 21 to.
- Q. Let's take a look at his analysis and
- conclusion with regard to the second question,
- 24 whether there was a text string properly installed
- on the robots.txt file of the Healthcare Advocates

- 1 that could have existed and been that size, 36 to
- 2 38 bytes.
- 3 Q. Well, based upon your review of the
- 4 server logs, do you have any reason to dispute his
- 5 conclusion that Felten-6, number one, is in the
- 6 range of 36 to 38 bytes, again, based on your
- 7 review of the server logs?
- 8 A. Perhaps I don't understand the question
- 9 because I don't understand him as asserting that
- 10 this file that's in front of me here is
- 11 necessarily that size. As I said before, I don't
- 12 know whether Felten-6 is or is not the file that
- was transmitted back then. And he doesn't refer
- 14 to Felten-6, so I don't know whether he's
- referring to this document or not.
- 16 Q. He's not referring to the document, but
- 17 if you look, then, two-thirds of the way down on
- 18 page 4 of his report, do you see the robots text
- 19 string referenced there?
- 20 A. This is what he says was the content of
- 21 the robots.txt file as of the date of his report.
- 22 O. Yes. And does it mirror what is
- 23 contained in Felten-6?
- 24 A. Yes.
- Q. Based upon your analysis of the logs

- 1 that you conducted as an expert here, I believe
- 2 you mentioned in your report that you noted a
- 3 number of occasions where requests were made for
- 4 archived Healthcare Advocates web content during
- 5 the period July 9 through July 14 where those
- 6 requests were unsuccessful. Correct?
- 7 A. Yes.
- Q. And I believe you also came to the
- 9 conclusion that many, if not all, of those
- 10 unsuccessful requests were due to a robots.txt
- 11 exclusion being in place.
- 12 A. What are you referring to here?
- Q. I'm talking about attempts to access
- 14 archived Healthcare Advocates material from
- 15 Internet Archive during July of '03 having been
- 16 unsuccessful.
- 17 A. Yes, some requests at that time were
- 18 unsuccessful.
- 19 Q. And specifically, you referred to the
- 20 fact that there were particular servers of
- 21 Internet Archive that appear not to have been
- 22 working accurately with regard to fetching and
- 23 serving up the robots.txt exclusion. Correct?
- MR. LEWIS: What page are you on?
- MR. CHRISTIE: I'm looking for it now.

- 1 MR. LEWIS: Okay. Fair enough.
- Q. For example, paragraph 45, you say,
- 3 "Based on descriptions available on the Internet
- 4 Archive's web site, one might have expected the
- 5 Wayback Machine to refrain from delivering the
- 6 requested pages. Nevertheless, the Wayback
- Machine did deliver the pages."
- 8 You're referring to the robots.txt exclusion.
- 9 Correct?
- 10 A. Well, partly. Whether the pages would
- 11 be delivered would depend, in part, on what was in
- 12 the robots.txt file.
- Q. I understand that. I'm asking, I think,
- 14 a separate question, whether there was a
- 15 robots.txt file of some sort present on the web
- 16 site during the relevant period, being July of
- 17 '03. Are you disputing that there was some sort
- 18 of robots file?
- 19 A. There was a robots.txt file present for
- 20 at least part of that period.
- Q. What part of that period?
- A. Well, we have server logs that show some
- 23 successful accesses to the robots.txt file. And
- 24 when we see those entries in the server logs, that
- 25 tells us that there was a robots.txt file of a

- 1 certain size present at that time. And it, of
- 2 course, doesn't tell us what was in the file other
- 3 than what size it was, beyond what size it was.
- 4 Q. But if you look at the logs and you
- 5 analyze them and the effect of the requests, do
- 6 you not see that there are denials based on robots
- 7 exclusions, dozens and hundreds of them throughout
- 8 the logs?
- 9 MR. LEWIS: Objection to form.
- 10 A. During the relevant period there were
- 11 some requests that were denied, yes.
- 12 Q. And they were denied based upon the
- 13 robots exclusion, as you can tell specifically
- 14 from the text of the logs. Right?
- 15 A. You can see from the logs that the page
- 16 that -- that's called the "query exclusion page"
- in my report was delivered in some cases, but not
- 18 all.
- Q. Okay. But that's not the question I
- 20 asked you. The question I asked you is: Based
- 21 upon your review of the logs, isn't it clear that
- on dozens and perhaps hundreds of occasions access
- 23 to the archived content was denied based upon the
- 24 existence of a robots exclusion?
- MR. LEWIS: Objection to the form.

- 1 A. The logs say that this query exclusion
- 2 page was delivered on a number of occasions during
- 3 that period.
- 4 Q. Based upon your knowledge of the
- 5 Internet Archive and how it works, that page would
- 6 have been delivered if a robots text file had been
- 7 in effect at the time. Is that correct?
- 8 MR. LEWIS: Objection to form.
- 9 A. Had there been a robots.txt file of a
- 10 certain form at that time, according to what
- 11 Internet Archive said that this is the page about
- 12 how their system worked, this is the page that
- 13 would have been delivered.
- Q. When you say, "This is the page," you're
- 15 referring to --
- 16 A. I mean the query exclusion page. And
- 17 according to what they said, if there was not a
- 18 robots.txt file, or if it was somehow malformed or
- 19 not delivered correctly, then the query exclusion
- 20 page would not be delivered.
- Q. And when you say a "query exclusion
- 22 page, " you're referring to Bonini-8?
- 23 A. Yes, I'm referring to a page like
- 24 Bonini-8.
- Q. But isn't it also true that if the

- 1 robots text string was properly formed and
- 2 inserted, any requester for the associated web
- 3 pages would have received a denial screen like
- 4 Bonini-8?
- MR. LEWIS: Objection to form.
- 6 A. According to what Internet Archive said
- 7 at the time, this is -- this is what they said
- 8 would happen if there were a robots.txt file with
- 9 that particular content in it at the time. That's
- 10 what they said.
- 11 Q. Okay. And this exclusion page -- well,
- 12 actually, maybe we should save that for after
- 13 lunch. I want to ask a few additional questions
- 14 before we break for lunch.
- 15 Is it accurate to say, Professor Felten, that
- 16 you have no knowledge about whether the robots
- 17 exclusion on the Healthcare Advocates web site
- 18 during the period of July of '03 was malformed in
- 19 any way?
- 20 A. I don't know whether it was or not. The
- 21 available evidence does not allow us to answer
- 22 that question.
- Q. Did you have reason to consult in the
- 24 course of your duties as an expert here the
- 25 deposition testimony of any of the representatives

- robots.txt file, they will voluntarily change how
- 2 they treat archived copies of pages.
- Q. Meaning they will deny access to
- 4 third-party requesters?
- 5 A. They have said that, yes.
- 6 Q. In fact, isn't it true from reviewing
- 7 the logs, Bonini-6 and Mohr-2, that you've noticed
- 8 a number of instances where that has, in fact,
- 9 taken place, meaning that a request has been made,
- 10 a robots exclusion has been identified, and no
- 11 content has been produced?
- 12 A. There are places in the logs where a
- 13 request is made and the Wayback Machine provides
- 14 the so-called "query exclusion pages" rather than
- 15 providing the requested content.
- Q. Which is Bonini-8?
- 17 A. Yes, the query exclusion pages is what
- 18 looks like Bonini-8.
- 19 Q. Do you agree with the proposition, based
- upon your analysis, that such a page, Bonini-8,
- 21 would only be served up by Internet Archive if
- there is a properly configured and installed
- 23 robots.txt exclusion on the web site?
- MR. LEWIS: Objection to form.
- A. Not necessarily.

- 1 Q. Would have under all circumstances.
- 2 A. I don't know whether it would have under
- 3 all circumstances.
- 4 Q. What circumstances are you aware of that
- 5 it may not have been served up?
- A. Well, if we -- if we look at the
- 7 available evidence about the accesses that are at
- 8 issue here, we don't know whether -- we don't know
- 9 whether the -- whether, at the time those accesses
- 10 were made, the Wayback Machine saw a robots.txt
- 11 file or -- and if it did see a robots.txt file,
- 12 exactly what was in it. And we see some requests
- 13 being satisfied. And so based on that, we can't
- say whether the situation you described would
- 15 always happen -- would always have happened back
- 16 then.
- 17 Q. If a properly configured robots.txt
- 18 file -- and when I say "properly configured," I
- mean properly drafted to exclude the Internet
- 20 Archive crawler -- had been captured by Internet
- 21 Archive and cached, would you agree that in
- 22 response to an inquiry for archive content related
- 23 to that robots file, Internet Archive served up
- the denial screen, Bonini-8, during July of '03?
- MR. LEWIS: Objection to form.

- A. Well, we know that Internet Archive did
- 2 serve up the query exclusion page in some cases
- during July of 2003. And it may be that in some
- 4 of those cases there was a cached robots.txt file
- of the form you described. So it seems likely
- 6 that that would have happened at least sometimes.
- Q. Are you aware of any instances in July
- of '03, based upon your analysis, where the access
- 9 denial screen Bonini-8, was served up when there
- 10 wasn't a properly configured robots file in the
- 11 Internet Archive cache?
- 12 A. I don't know whether that happened or
- 13 not.
- Q. Let me turn your attention to paragraph
- 15 35 of your report. You mention that "The requests
- in a robots.txt file applied, by definition, only
- 17 to crawlers. They do not apply to people."
- 18 What do you mean by that?
- A. Well, there's a distinction between a
- 20 crawler, which is a computer program -- and I
- 21 describe crawlers elsewhere in my report -- versus
- 22 people. And the document which I call here "The
- 23 Standard for Robot Exclusion" in my report talks
- 24 about how robots.txt files can be written to apply
- 25 to different crawlers, but there -- but the

- 1 robots.txt rules apply only to crawlers. There's
- 2 nothing in that system to make statements about
- 3 access by human beings.
- 4 O. You understand this case involves
- 5 strictly the Internet Archive crawler. Correct?
- 6 MR. LEWIS: Objection to form.
- 7 A. That's the only crawler that is
- 8 involved, but there are, of course, people
- 9 involved as well.
- 10 Q. Do you understand that any part of this
- lawsuit has anything to do with a robots.text
- 12 exclusion drafted specifically to exclude any
- 13 representatives of the Harding Earley law firm?
- 14 A. No, no robots.txt file could be drafted
- 15 to exclude members of the law firm.
- MR. LEWIS: You mean that specifically?
- 17 A. I mean that specifically in the sense
- that robots.txt files do not talk about people.
- 19 They apply to crawlers.
- Q. They interact with crawlers and, in some
- 21 cases, direct crawlers' activity. Correct?
- 22 A. Crawlers sometimes read them and
- 23 sometimes alter their behavior based on what's in
- 24 the files.
- Q. You mentioned that, as part of your

Page 106 1 Q. As far as you know, that's accurate? As far as I know. 2 Α. 3 Q. Let me turn your attention to 4 Mr. Lenky's report, specifically -- I'm sorry. What's the number on that? 5 The Felten-7. 6 7 -- Felten-7, specifically, paragraphs 5 Paragraph 5 --8 and 6. Could I have a minute to review this? 9 Α. 10 Oh, yeah, of course. Ο. 11 Α. Okay. 12 First, focusing your attention on 13 paragraph 5, do you see in the first sentence in 14 the answer to that question, it mentions that 15 "Based upon a reasonable degree of technical 16 certainty, the number of requests for protected 17 HCA content originating from defendant's IP was 18 549 on July 9, '03, and 118 on July 14, of '03." Do you see that portion of the report? 19 20 Α. Yes, I see that. 21 0. Do you have any reason to dispute those 22 numbers? 23 Α. These numbers are at least in the right 24 ballpark. 25 You have no specific evidence to dispute Q.

- 1 their accuracy. Correct?
- 2 A. I made some effort to replicate these
- 3 numbers and came out with results that were close
- 4 to this, so I could say they're in the right
- 5 ballpark.
- 6 Q. Let's look at paragraph 6, and I'll ask
- 7 you the same question about the numbers that
- 8 Mr. Lenky concludes in that paragraph. Please
- 9 take a minute and review it if you'd like.
- 10 A. Okay.
- 11 O. The last sentence of his answer in
- 12 paragraph 6, do you dispute that conclusion?
- 13 A. These numbers, again, are at least in
- 14 the right ballpark at least. And I should point
- out just to clarify that the questions that
- 16 Mr. Lenky is answering here refer to unauthorized
- 17 access. And without -- and if so -- in my answer
- 18 I'm setting aside the question of whether the
- 19 accesses were unauthorized or authorized as
- 20 opposed to successfully or unsuccessfully --
- 21 Q. I understand. Right. So we're talking
- about whether they were, authorized or not,
- 23 attempted accesses to the archived content and
- successful accesses in both paragraphs 5 and 6.
- 25 Right?

- 1 A. Yes.
- Q. Turning your attention to paragraph 4 of
- 3 his report, let me refer you to the bottom of page
- 4 9 where he says, right before the end of that
- 5 page, "Based on a reasonable degree of technical
- 6 certainty, the number of times the defendant(s)"
- 7 -- 's' being in parentheses -- "viewed the
- 8 robots.txt exclusion pages was 498 on 9 July 2003,
- 9 35 on 10 July 2003, 7 on 11 July 2003, and 104 on
- 10 14 July 2003."
- 11 Do you dispute that conclusion,
- 12 Professor Felten?
- 13 A. Let me take a minute to review this.
- 14 O. Sure.
- 15 A. I'm not certain whether these numbers
- 16 are correct.
- 17 Q. Okay. Do you have any reason to dispute
- 18 their accuracy?
- 19 A. Yes.
- Q. What is the basis for your disputing
- 21 their accuracy?
- 22 A. Mr. Lenky's making an assumption here
- that any file that is between 4,500 and 5,000
- 24 bytes in size and doesn't meet certain other
- 25 criteria must be an instance of the exclusion

Page 109 1 page, and I'm not certain that's correct. could well have been other pages present which 2 were of that size, and, if so, then Mr. Lenky's results is wrong. And he doesn't appear to 5 account for that possibility. 6 But assuming that that is accurate, that 7 pages between 4500 and 5,000-dollar -- sorry --4500 and 5,000 bytes in size and considering the other criteria that he mentioned, all that is 10 accurate, would you then agree with his 11 conclusion? 12 Α. You've got to be more precise about what 13 you're asking me to assume --14 Ο. Okay. 15 Α. -- because there was an "all that." 16 Q. Well, you weren't entirely clear yourself. 17 I believe you mentioned that you had a 18 problem with the fact that he based his 19 conclusion, in part, on the fact that the robots 20 exclusion page, Bonini-8, is between 4500 and 21 5,000 bytes in size, plus there were other 22 criteria that he used to exclude certain other 23 pages, which may be in that same range. So I'm 24 asking you: Assuming that the facts he relied 25 upon to reach that conclusion in that paragraph,

- which ends with the conclusion that we're talking
- 2 about, assuming those facts are accurate, would
- 3 you then agree with his conclusion?
- A. No, not necessarily because he does not
- 5 state that there are no other files of that size
- 6 in the log. That appears to be an assumption in
- 7 his calculation which he's not stating here. So
- 8 based just on what he says here, you can't reach,
- 9 I think, the conclusion that he reaches.
- 10 Q. Assuming he got that information from an
- 11 authoritative source like Gordon Mohr, the chief
- 12 technologist at Internet Archive, would that lead
- 13 you to accept his conclusion?
- A. Well, if the information is whether
- there could have been other pages on the Internet
- Archive site between 4,500 and 5000 bytes in size,
- 17 I'd be very skeptical that Mr. Mohr could remember
- 18 that now, whether there were any pages present
- 19 within that size range, which is a relatively
- 20 common size range for web sites. And Mr. Lenky
- 21 does not state that there were not other pages of
- that size, let alone giving any basis for
- 23 concluding that.
- Q. You don't know, for example, whether
- 25 Mr. Mohr, contemporaneous with the July 2003